```
FILE 'HCAPLUS' ENTERED AT 13:20:40 ON 27 JUL 2007
L1
          80214 S MONOCLONAL (W) ANTIBODY
L2
           1760 S EPIDERMOID (W) (CANCER OR CARCINOMA OR TUMOR)
L3
          69702 S COMPLEMENT
           4678 S BETA-GLUCAN
L4
L5
         366038 S VISCOSITY
     FILE 'STNGUIDE' ENTERED AT 13:20:45 ON 27 JUL 2007
     FILE 'HCAPLUS' ENTERED AT 13:21:50 ON 27 JUL 2007
            123 S L1 AND L2
L6
L7
             2 S L3 AND L6
L8
            479 S L4 AND L5
L9
            114 S L6 AND (PY<2001 OR AY<2001 OR PRY<2001)
L10
            2 S L7 AND (PY<2001 OR AY<2001 OR PRY<2001)
L11
            260 S L8 AND (PY<2001 OR AY<2001 OR PRY<2001)
     FILE 'STNGUIDE' ENTERED AT 13:22:03 ON 27 JUL 2007
     FILE 'HCAPLUS' ENTERED AT 13:22:17 ON 27 JUL 2007
     FILE 'STNGUIDE' ENTERED AT 13:22:18 ON 27 JUL 2007
     FILE 'HCAPLUS' ENTERED AT 13:24:16 ON 27 JUL 2007
L12
        25311 S IMMUNOSTIMULA?
L13
       817924 S (CANCER OR TUMOR OR NEOPLAS? OR ANTICANCER OR ANTITUMOR OR AN
             3 S L11 AND L12
3 S L11 AND L13
L14
L15
L16
             0 S L11 AND L12 AND L13
```

=> file hcaplus
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 0.42 0.42

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FILE COVERS 1907 - 27 Jul 2007 VOL 147 ISS 6 FILE LAST UPDATED: 26 Jul 2007 (20070726/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s monoclonal(w)antibody

147752 MONOCLONAL

314272 ANTIBODY

L1 80214 MONOCLONAL (W) ANTIBODY

=> s epidermoid(w)(cancer or carcinoma or tumor)

2355 EPIDERMOID

323136 CANCER

163775 CARCINOMA

415514 TUMOR

L2 1760 EPIDERMOID(W) (CANCER OR CARCINOMA OR TUMOR)

=> s complement

L3 69702 COMPLEMENT

=> s beta-glucan

1467284 BETA

15132 GLUCAN

L4 4678 BETA-GLUCAN

(BETA (W) GLUCAN)

=> s viscosity

L5 366038 VISCOSITY

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY 2.60

3.02

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LAST RELOADED: Jul 20, 2007 (20070720/UP).

=> file hcaplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.12 3.14

FULL ESTIMATED COST

2007

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FILE COVERS 1907 - 27 Jul 2007 VOL 147 ISS 6 FILE LAST UPDATED: 26 Jul 2007 (20070726/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l1 and l2

L6 123 L1 AND L2

=> s 13 and 16

L7 2 L3 AND L6

=> s 14 and 15

L8 479 L4 AND L5

=> s 16 and (PY<2001 or AY<2001 or PRY<2001)

20934243 PY<2001 3907932 AY<2001 3386907 PRY<2001

L9 114 L6 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> s 17 and (PY<2001 or AY<2001 or PRY<2001)

20934243 PY<2001 3907932 AY<2001 3386907 PRY<2001

L10 2 L7 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> s 18 and (PY<2001 or AY<2001 or PRY<2001)

20934243 PY<2001 3907932 AY<2001 3386907 PRY<2001

L11 260 L8 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

2.60 5.74

FILE 'STNGUIDE' ENTERED AT 13:22:03 ON 27 JUL 2007 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jul 20, 2007 (20070720/UP).

=> d 17 1-2 ti abs bib YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L7 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Antibodies and autoantigen and methods for diagnosis and treatment of insulin-dependent diabetes mellitus

AB A monoclonal antibody (MAb) is provided which is reactive with  $\beta$  cell autoantigen on human pancreatic  $\beta$  cells having a mol. weight of .apprx.64 kDa and associated with the onset of insulin-dependent diabetes mellitus (IDDM). The MAb is useful for diagnosis, treatment, and prevention of IDDM. The  $oldsymbol{eta}$  cell autoantigen is useful for diagnosis of early onset of IDDM. Also disclosed are immunotherapeutic methods employing anti-id MAbs and the  $\beta$  cell autoantigen. These methods are employed for inhibiting the binding of islet cell autoantibodies to pancreatic islet cells, and for removing islet cell autoantibodies and lymphocytes reactive with  $\beta$  cell autoantigen from the peripheral circulation of a subject. A vaccine to prevent IDDM comprises the MAb or fragments of the MAb for production of anti-id antibodies reactive with autoantibodies. A cDNA library comprising cDNA sequences coding for the autoantigen and the recombinant cDNA are also claimed. Hybridoma ATCC Number HB 10502 producing DM MAb to  $\beta$  cell autoantigen, was produced by fusing splenocytes from a male spontaneously diabetic nonobese mouse with myeloma cells from cell line HL1-653, cloning, selection, etc. It was unexpectedly found that cell lines not derived from pancreatic tissue in culture produced substantial quantities of  $\beta$  cell autoantigen; the 64-kDa autoantigen was purified from HEp2 cells. A cDNA library was constructed from HEp2 cells and the autoantigen cDNA was cloned and expressed in Escherichia coli.

AN 1992:406018 HCAPLUS <<LOGINID::20070727>>

DN 117:6018

TI Antibodies and autoantigen and methods for diagnosis and treatment of insulin-dependent diabetes mellitus

IN Lin, Hun Chi; Thai, Toha; Lei, Shau Ping

PA Trigen Inc., USA

SO PCT Int. Appl., 78 pp. CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

ΡĮ

PATENT NO. KIND DATE APPLICATION NO. DATE
WO 9206105 A1 19920416 WO 1991-US7052 19910925

W: AU, CA, JP, NO

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE

| AU 91      | 88647     | A | 19920428 | AU 1 | 1991-88647 | 19910925 |
|------------|-----------|---|----------|------|------------|----------|
| PRAI US 19 | 90-591608 | A | 19901002 |      | •          |          |
| WO 19      | 91-US7052 | Δ | 19910925 |      |            |          |

- L7 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Monoclonal antibodies against the receptor for epidermal growth factor as potential anticancer agents
- AB Epidermal growth factor (EGF) stimulates the proliferation of fibroblasts and most epithelial cell types, whereas it profoundly inhibits the growth of A431 epidermoid carcinoma cells. The growth of 8 EGF receptor-bearing human tumor cell lines was measured following the addition of EGF or monoclonal anti-EGF receptor antibody 528 IgG2a (which blocks EGF binding). Epidermoid carcinoma cell lines from lung (T222), skin (T423), and vulva (A431) were growth-inhibited by both EGF and 528 IgG. Proliferation of the other five human tumor cell lines tested was not blocked by either EGF or 528 IgG. Xenografts of the three cell lines inhibited by EGF and 528 IgG in culture were inhibited by 528 IgG treatment in vivo, whereas the other five tumors were unaffected. Differences in the number of EGF receptors expressed on the cell surface did not account for the inhibition of selected receptor-bearing tumor cells. Monoclonal antibody 225 IgG1 also prevented proliferation of A431 cells in culture and xenografts. complement-mediated and cellular mechanisms of cytotoxicity demonstrated cytolytic effects of macrophages upon A431 cells in the presence of 528 IgG2a, but no immune mechanism could be found to explain the antitumor on 225 IgG1. Thus, the antiproliferative activity may be related to direct effects upon the receptor. Thus, immunotherapy of xenografts with anti-EGF receptor antibody is effective against a subset of receptor-bearing cells, which are also, in all cases, inhibited in vitro.
- AN 1988:508679 HCAPLUS <<LOGINID::20070727>>
- DN 109:108679
- TI Monoclonal antibodies against the receptor for epidermal growth factor as potential anticancer agents
- AU Mendelsohn, J.; Masui, H.; Sunada, H.; MacLeod, C.
- CS Mem. Sloan Kettering Cancer Cent., New York, NY, 10021, USA
- SO UCLA Symposia on Molecular and Cellular Biology, New Series (1988), 56(Cell. Mol. Biol. Tumors Potential Clin. Appl.), 307-12 CODEN: USMBD6; ISSN: 0735-9543
- DT Journal
- LA English

| => file hcaplus                            |            |         |
|--|------------|---------|
| COST IN U.S. DOLLARS                       | SINCE FILE | TOTAL   |
| •  | ENTRY      | SESSION |
| FULL ESTIMATED COST                        | 0.18       | 14.24   |
| DIGGOIDE ANOIDES (FOR OUR TRUING AGGOIDES) | ~ <b>-</b> |         |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |
|  | ENTRY ·    | SESSION |
| CA SUBSCRIBER PRICE                        | 0.00       | -1.56   |

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FILE COVERS 1907 - 27 Jul 2007 VOL 147 ISS 6 FILE LAST UPDATED: 26 Jul 2007 (20070726/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s immunostimula?

L12 25311 IMMUNOSTIMULA?

=> s (cancer or tumor or neoplas? or anticancer or antitumor or antineoplas?)

323136 CANCER

415514 TUMOR

503093 NEOPLAS?

41696 ANTICANCER

230497 ANTITUMOR

11400 ANTINEOPLAS?

L13 817924 (CANCER OR TUMOR OR NEOPLAS? OR ANTICANCER OR ANTITUMOR OR ANTIN EOPLAS?)

=> s l11 and l12

L14 3 L11 AND L12

=> s l11 and l13

L15 3 L11 AND L13

=> s 111 and 112 and 113

L16 0 L11 AND L12 AND L13

=> file stnguide

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 2.60 16.84 DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL ENTRY SESSION CA SUBSCRIBER PRICE 0.00 -1.56

FILE 'STNGUIDE' ENTERED AT 13:24:23 ON 27 JUL 2007 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jul 20, 2007 (20070720/UP).

=> d l14 1-3 ti

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y) /N:y

L14 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Composition of  $\beta$  -glucan and silver-containing component and use as antimicrobial and immunostimulating agent

## in wound healing

- L14 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Development of a water-soluble carboxymethyl- $\beta$ -(1 $\rightarrow$ 3)-glucan derived from Saccharomyces cerevisiae
- L14 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Method for producing soluble glucans
- => d 114 1-3 ti abs bib
  YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' CONTINUE? (Y)/N:y
- L14 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Composition of  $\beta$  -glucan and silver-containing component and use as antimicrobial and immunostimulating agent in wound healing
- AB The present invention provides a medical composition comprising an antimicrobially effective and immunostimulating amount of a combination of a  $\beta$  -glucan component and a silver-containing component. The medical composition may be adapted for use topically or incorporated with a mesh material which may be further adapted for use as a wound dressing or as a surgical mesh. Methods for manufacturing the medical compns. described herein are also provided. The invention further provides methods for treating tissue damaged by wound or burn, and methods for treating or repairing tissue at a surgical site.
- AN 2004:18739 HCAPLUS <<LOGINID::20070727>>
- DN 140:65167
- TI Composition of  $\beta$  -glucan and silver-containing component and use as antimicrobial and immunostimulating agent in wound healing
- IN Klein, Barbara K.; Katzner, Leo D.
- PA USA
- SO U.S. Pat. Appl. Publ., 11 pp., Cont.-in-part of U.S. Ser. No. 538,655, abandoned.

  CODEN: USXXCO
- DT Patent
- LA English
- FAN.CNT 2

|      | PATENT NO.     | KIND      | DATE     | APPLICATION NO. | DATE       |
|------|----------------|-----------|----------|-----------------|------------|
|      |                |           |          |                 |            |
| ΡI   | US 2004005364  | A1        | 20040108 | US 2003-460760  | 20030612 < |
|      | US 2006240083  | A1        | 20061026 | US 2006-428929  | 20060706 < |
| PRAI | US 2000-538655 | B2        | 20000330 | <               |            |
|      | US 2003-460760 | <b>A3</b> | 20030612 |                 |            |

- L14 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Development of a water-soluble carboxymethyl- $\beta$ -(1 $\rightarrow$ 3)-glucan derived from Saccharomyces cerevisiae
- The report describes a method for the solubilization of micro-particulate  $\beta\text{-}(1\to3)\text{-glucan}$ . Insol. glucan is suspended in sodium hydroxide and partially carboxymethylated at 65°. The resulting water-soluble product is called CMG. The solubility is  $\leq 98\%$ . The substituted degree is about 0.2-0.3. Mol. weight and intrinsic viscosity were determined by gel permeation chromatog. and viscometer. 13C-NMR spectroscopy confirmed the  $\beta\text{-}(1\to3)$  interchain linkage. In solution CMG self-assocs. partly in a triple helix. The ability to prepare an immunol. active, water-soluble  $\beta\text{-}(1\to3)\text{-glucan preparation will}$  greatly enhance the utility of this class of compds.
- AN 1999:577989 HCAPLUS <<LOGINID::20070727>>
- DN 132:105046
- TI Development of a water-soluble carboxymethyl- $\beta$ -(1 $\rightarrow$ 3)-glucan

- derived from Saccharomyces cerevisiae
- ΑU Ding, Xiao Lin; Wang, Miao
- CS School of Food Science and Technology, Wuxi University of Light Industry, Wuxi, Peop. Rep. China
- SO Food for Health in the Pacific Rim, International Conference of Food Science and Technology, 3rd, Davis, Calif., Oct. 19-23, 1997 (1999 ), Meeting Date 1997, 412-419. Editor(s): Whitaker, John R. Publisher: Food & Nutrition Press, Trumbull, Conn. CODEN: 68BQAF
- DTConference
- LA English
- RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L14ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- ΤI Method for producing soluble glucans
- AB Title glucans, acceptable for pharmaceutical uses, are yeast-based and neutral, and are obtained by contacting glucan particles with an acid solution, followed by contacting the acid-treated particles with an alkali solution The alkali-soluble glucan is then separated from insol. particles and aggregates, and neutralized. Yeasts for the glucan particle production comprise Saccharomyces cerevisiae strain R4 (NRRLY-15903). Thus, 100 q glucan particles, after suspended in 3 L 90% formic acid at room temperature for
  - 1 h, was heated to 80, sirred until a sudden drop in viscosity was observed, and combined with 9 L EtOH to give a precipitate which, after collected, was dissolved in 0.4 M NaOH solution, and centrifuged. The supernatant was concentrated, dialyzed with 10 volume of water, concentrated, equilibrated in sterile isotonic saline by dialysis, and assayed showing affinity to  $\beta$  -glucan receptor of monocytes.
- AN 1991:209485 HCAPLUS <<LOGINID::20070727>>
- DN 114:209485
- Method for producing soluble glucans TΙ
- IN Jamas, Spiros; Easson, D. Davidson, Jr.; Ostroff, Gary R.

Α3

- PA Alpha Beta Technology, Inc., USA
- SO PCT Int. Appl., 32 pp. CODEN: PIXXD2

US 1992-970547

- DT Patent
- English LA

| FAN.CNT 4 |          |             |                  |                       |                 |
|-----------|----------|-------------|------------------|-----------------------|-----------------|
|           | PAT      | CENT NO.    | KIND DATE        | APPLICATION NO.       | DATE            |
| PI        | WO       |             | A1 19910321      | WO 1990-US5041        |                 |
|           |          |             |                  | DE, DK, ES, FI, GB, 1 | HU, JP, KP, KR, |
|           |          |             |                  | RO, SD, SE, SU, US    |                 |
|           |          |             |                  | CM, DE, DK, ES, FR, O | GA, GB, IT, LU, |
|           | <b>~</b> |             | , SE, SN, TD, TG |                       |                 |
|           |          |             |                  | CA 1990-2066172       |                 |
|           | AU       | 9064411     | A 19910408       | AU 1990-64411         | 19900906 <      |
|           |          |             | B2 19940630      |                       |                 |
|           | EP       | 490995      | A1 19920624      | EP 1990-914588        | 19900906 <      |
|           |          |             |                  | GB, IT, LI, LU, NL,   |                 |
|           |          |             |                  | JP 1990-513727        |                 |
|           |          |             |                  | US 1992-970547        |                 |
|           |          |             |                  | US 1993-60418         |                 |
|           |          |             |                  | US 1995-400488        |                 |
|           | US       | 5633369     | A 19970527       | US 1995-464528        | 19950605 <      |
|           |          |             |                  | US 1995-464527        | 19950605 <      |
| PRAI      | US       | 1989-404738 | A2 19890908      | <                     |                 |
|           |          |             | A 19900906       | <                     |                 |
|           | US       | 1992-838288 | A2 19920305      | <                     |                 |
|           | US       | 1992-855578 | B2 19920323      | <                     |                 |
|           | US       | 1992-934015 | A2 19920821      | <                     |                 |

19921102 <--

US 1994-257062 B1 19940609 <--US 1995-432303 A1 19950502 <--

=> d 115 1-3 ti abs bib YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y) /N:y

- L15 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- The potential of hull-less barley ТT
- AΒ A review with 124 refs. Hull-less barley (HB) has been investigated in many countries for use in feed, food, and industry since the publication of the last review in 1986. Literature published since 1990 on various aspects of HB utilization, other than in monogastric feeds, has been reviewed. Several HB cultivars containing low or high  $\beta$  glucan, low or high extract viscosity, and waxy (0-5% amylose) or normal starch are now available. Interest in HB utilization in the food industry developed largely due to its high  $\beta$  glucan content, particularly in the waxy cultivars. .beta .-Glucan is a major component of soluble fiber implicated in hypocholesterolemia, hypoglycemia, and in reducing incidence of chemical induced colon cancer in exptl. animals. However, large-scale clin. trials using human subjects are needed to corroborate these effects. The zero amylose HB starch had low syneresis or a high freeze-thaw stability suitable for use in frozen foods. Single- or double-modified waxy HB starch may replace corn starch in some food applications, and cationized HB starch can replace corn and potato starches in the pulp and paper industry. HB may be milled using conventional wheat milling equipment to yield bran and flour for multiple food uses. Hull-less barley may also be used as feed stock for fuel alc. production, for the preparation

of food malt with low or high enzyme activities, and for brewer's and distiller's malts.

- AN 1999:636767 HCAPLUS <<LOGINID::20070727>>
- DN 131:335948
- TIThe potential of hull-less barley
- ΑU Bhatty, R. S.
- CS Crop Development Centre, Department of Plant Sciences, University of Saskatchewan, Saskatoon, SK, S7N 5A8, Can. Cereal Chemistry (1999), 76(5), 589-599
- so CODEN: CECHAF; ISSN: 0009-0352
- PB American Association of Cereal Chemists
- DTJournal; General Review
- LA English
- RE.CNT 124 THERE ARE 124 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT
- ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Studies on the conformation and conformational variations of the  $\beta ext{-D-glucan produced by Sclerotinia sclerotiorum SS-001}$
- The  $\beta$ -D-Glucan, with potential antitumor activity, produced by Sclerotinia sclerotiorum SS-001, was investigated on its solution behaviors, conformation and conformational change. By studying the effects of ionic strength and pH value on the intrinsic viscosity , the authors found that the solution behavior is relatively stable. Nevertheless, when the pH value of the solution surpassed 12.36, the value of intrinsic viscosity would decrease rapidly. By TEM we found this change of solution behavior to be due to the conformational variations of the mols.
- AN 1996:504750 HCAPLUS <<LOGINID::20070727>>
- DN 125:190122
- Studies on the conformation and conformational variations of the TIβ-D-glucan produced by Sclerotinia sclerotiorum SS-001

- AU Yu, Xianchao; Wang, Derun; Liu, Yi; Yu, Ao; Liu, Rulin; Sun, Bangfu; Ru, Xiangbin
- CS Central Lab., Nankai Univ., Tianjin, 300071, Peop. Rep. China
- SO Gaofenzi Xuebao (1996), (3), 296-303 CODEN: GAXUE9; ISSN: 1000-3304
- PB Kexue
- DT Journal
- LA Chinese
- L15 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
- TI Physicochemical properties of a  $\beta$  -glucan from Sclerotinia sclerotiorum
- Sclerotan (SSG) was an extracellular polysaccharide from Sclerotinia sclerotiorum by submerged fermentation. It had potential immunomodulating and antitumor activity. The SSG was a glucan composed of  $\beta\text{-linked D-glucoses}$ . It was hard to dissolve in water under normal condition, but its aqueous solution had fine rheol. properties. Its intrinsic viscosity  $[\eta]$  hardly changed with ionic strength. Change of its  $[\eta]$  value was not remarkable between pH 1.88-12.36. Nevertheless, when the pH came to 13.32, the  $[\eta]$  value decreased rapidly due to change of mols. conformation. Effect of temperature  $\leq\!90\,^{\circ}\text{C}$  and heat treatment on apparent viscosity of SSG solution was minor.
- AN 1995:585366 HCAPLUS <<LOGINID::20070727>>
- DN 123:28178
- TI Physicochemical properties of a  $\beta$  -glucan from Sclerotinia sclerotiorum
- AU Liu, Rulin; Wang, Derun; Yu, Xianchao
- CS Dep. Microbiol., Nankai Univ., Tianjin, 300071, Peop. Rep. China
- SO Weishengwu Xuebao (1995), 35(2), 103-8 CODEN: WSHPA8; ISSN: 0001-6209
- PB Kexue
- DT Journal
- LA Chinese